1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Evan Winston	3 MAY 00	00-0477	—	301.925.0348	2013	DEV/CO

8. CCR Title: Test Executable 5.03 Helium.01 (Failure in Update ESDT capability).

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 2May2000
signature 5/3/2000	II	CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 28).
signature for Tim B/7c 5/3/2000	Other	Emergency

16. Documentation/Drawings Impacted: N/A	17. Schedule Impact: N/A	18. CI(s) Affected: N/A

19. Release Affected by this Change: 5A	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
NCR ECSed26574

23. Problem: (use additional Sheets if necessary)
PROBLEM DESCRIPTION....During the testing of the Update ESDT capability, a series of tests are used to update the ESDTs in the various databases. After a descriptor was updated to the database using "/net/t1code1/codedrop/DSS/update_esdt/case6/DsESDTTsTEST01.001.desc", thedata base was again updated using case7 The DsESDTTsTEST01.001.desc in the case7 directory was different from the one in case6 in that the case7 file changed TESTPSA1 range of values from "Range(1,10)" to "Range(0,20)". The Update ESDT request failed because"Collction Metadata to DMS Failed".

24. Proposed Solution: (use additional sheets if necessary)
Apply the fixes merged for NCR26574 to the current 5B baseline and provide as a Test Executable to the PVC/VATC to resolve the identified problems with ESDT update. Source File affected: /ecs/formal/DSS/sdsrv/src/de1/DsDeDescriptorImp and /ecs/formal/DSS/sdsrv/src/de1/DsDeDataDictController -- Generated shared lib changes need to be installed; no executable code. CM builds a TAR file for the listed files from the current 5B baseline and delivers to the SMC. SMC make these files available to PVC and VATC. Refer to continuation page for file names and install instructions.

25. Alternate Solution: (use additional sheets if necessary)
Take no action now and delay PVC testing, wait for later delivery of 5B code.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Must to continue to use backup procedures for ESDTs.

27. Justification for Emergency (If Block 15 is "Emergency"):
Resolves PVC/VATC problems.

28. Site(s) Affected: ☐EDF ☒PVC ☒VATC ☐EDC ☐GSFC ☐LaRC ☐NSIDC ☐SMC ☐AK ☐JPL
☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): _signature_ 5/3/00	**Disposition:** Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date):	**Disposition:** Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	**Disposition:** Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #: 00**6Y77** **Rev:** — **Originator:** Evan Winston

Telephone: 301.925.0348   **Office:** DEV/CO

Title of Change: Test Executable 5.03 Helium.01 (Failure in Update ESDT capability).

CM: PLEASE, build Sun TAR file(s) for the listed files from current 5A baseline and provide to the SMC.

/ecs/formal/DSS/lib/sun5.5/libDsDe2Sh.so
 /ecs/formal/DSS/lib/sun5.5/libDsDe1Sh.so

SMC: Receive the TAR file(s) and make available to the PVC and VATC.

 Install Instructions:

1. 1. Get File from SMC distribution;
Use the 'cp' from the command line to install/replace files or use E A S I .

 2. If using cp remember to REPLACE all occurrances of the file(s) included with this TE mode-by-mode, using the same permissions levels and ownerships as previous file.
Depending on local options file path for these libraries may be: /usr/ecs/formal/<mode>/bin/DSS.

CM01AJA00

ORIGINAL